

ABSTRACT OF THE DISCLOSURE

When the temperature of an SPM (spindle motor),  
measured by a temperature sensor, falls outside a  
predetermined temperature range, a CPU in a disk drive  
sets, in a disk controller, information concerning  
5 the activation of the SPM, to enable a host system to  
acquire the information. The information includes  
a temperature control request used to cause the  
temperature of the SPM to fall within the predetermined  
10 temperature range, the present temperature of the SPM  
and a waiting time required for the SPM to become  
activatable as a result of temperature control by the  
host system. The present temperature of the SPM and  
the waiting time are required for the host system to  
15 report a non-functional state of the SPM to the user of  
the host system